

## Message Text

UNCLASSIFIED

PAGE 01 QUITO 01843 221549Z  
ACTION ARA-10

INFO OCT-01 ISO-00 EB-08 /019 W  
-----221939Z 040532 /46

R 212249Z MAR 77  
FM AMEMBASSY QUITO  
TO USDOC WASHDC  
SECSTATE WASHDC 3614  
INFO AMCONSUL GUAYAQUIL

UNCLAS QUITO 1843

E.O. 11652: N/A  
TAGS: BEXP, EC  
SUBJECT: PRIVATE TRADE OPPORTUNITY

1. 331/01/P0050

2. 031877

3. R. HEFFERN

4. 331 ECUADOR

5. Y -- GOVERNMENT ENTITY RESPONSIBLE FOR NATIONAL  
ELECTRIFICATION

6A. REPLY BY MAIL  
6B. MARCELO ALBUJA, SUPERINTENDENTE DE PROYECTOS Y OBRAS  
6C. INECEL  
P. O. BOX 565-A  
QUITO, ECUADOR

7. TEL: 544-863

8. --

UNCLASSIFIED

UNCLASSIFIED

PAGE 02 QUITO 01843 221549Z

9. 101 DIRECTOR SALE TO END-USER

10. DESCRIPTION  
3612XXX-000 ELECTRIC POWER TRANSFORMERS. RATINGS  
FROM 5 MVA TO 15 MVA. 72.5KV/13.8KV,  
AND 34.5KV/13.8KV. MOST OF THE DESIGNS  
WILL BE CONNECTED "DELTA/STAR", HOWEVER

SOME WILL BE "STAR/STAR" WITH A  
TERTIARY WINDING.  
36132XX-000 POWER CIRCUIT BREAKERS. 34.5KV -  
22KV, 200KV BIL 1200 AMP CONTINUOUS.  
72.5KV - 27KV, 350KV BIL 1200 AMP  
CONTINUOUS.  
36132XX-000 15.5KV DISTRIBUTION CLASS POWER CIRCUIT  
BREAKERS. RATING 100 AMP TO 1200 AMP  
CONTINUOUS CURRENT WITH A 250 MVA TO  
1500 MVA INTERRUPTING CAPACITY. TYPES  
DESIRED: RECLOSERS, OIL CIRCUIT BREAKERS,  
VACUUM, MAGNE-BLAST, AIR-BLAST.  
ADDRESSEE WOULD LIKE CURRENT PRICE LIST RE SUBJECT EQUIPMENT.  
ADDRESSEE ALSO DESIRES COPIES OF STANDARDS FOR GENERATION  
INSULATION LEVELS AT NOMINAL VOLTAGE CLASSES 4.14KV AND  
13.8KV. ANY OTHER CURRENT STANDARDS DEALING WITH  
GENERATION, TRANSMISSION, AND DISTRIBUTION SYSTEMS WOULD  
AID INECEL IN DEVELOPING HIGH STANDARDS EQUAL TO THOSE  
OF THE U.S. AND WOULD HELP IN THE SALE OF U.S. EQUIPMENT.  
SUGGESTED SOURCES FOR SUCH STANDARDS FOLLOW: 1. ANSI  
(AMERICAN NATIONAL STANDARDS INSTITUTE), 2. NEMA (NATIONAL  
ELECTRICAL MANUFACTURERS ASSOCIATION), 3. IEEE  
(INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS),  
4. ASTM (AMERICAN SOCIETY FOR TESTING MATERIALS),  
5. AWS (AMERICAN WELDING SOCIETY).  
ADDRESSEE IS IN THE PROCESS OF DESIGNING POWER DISTRIBUTION  
SUBSTATIONS OF 69KV/13.8KV RANGING FROM 5 MVA TO 20 MVA.  
MOST EXISTING SUBSTATION SITES HAVE DIESEL GENERATION  
EQUIPMENT AND SOME HYDRO GENERATION. MAINTENANCE-FREE  
UNCLASSIFIED

UNCLASSIFIED

PAGE 03 QUITO 01843 221549Z

EQUIPMENT AND AUTOMATIC PACKAGES ARE DESIREABLE.  
COMPETITIVE FINANCING MUST BE PROPOSED IN ALL OFFERS.  
A LIST OF SITES WHERE CONSTRUCTION WILL BEGIN THIS YEAR  
FOLLOW: 1. MANTA, 2. SANTO DOMINGO, 3. QUEVEDO, 4.  
LATACUNGA, 5. RIOBAMBA, 6. AMBATO, 7. TULCAN, 8. IBARRA,  
9. ESMERALDAS, AND 10. BABAHOYO.  
COMMUNICATION SHOULD BE IN SPANISH TO EXTENT POSSIBLE.  
CORR

UNCLASSIFIED

NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** n/a  
**Control Number:** n/a  
**Copy:** SINGLE  
**Sent Date:** 21-Mar-1977 12:00:00 am  
**Decaption Date:** 01-Jan-1960 12:00:00 am  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01-Jan-1960 12:00:00 am  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1977QUITO01843  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** n/a  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D770098-0459  
**Format:** TEL  
**From:** QUITO  
**Handling Restrictions:** n/a  
**Image Path:**  
**ISecure:** 1  
**Legacy Key:** link1977/newtext/t19770339/aaaabhmd.tel  
**Line Count:** 105  
**Litigation Code IDs:**  
**Litigation Codes:**  
**Litigation History:**  
**Locator:** TEXT ON-LINE, ON MICROFILM  
**Message ID:** d2a8d4b4-c288-dd11-92da-001cc4696bcc  
**Office:** ACTION ARA  
**Original Classification:** UNCLASSIFIED  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** n/a  
**Previous Handling Restrictions:** n/a  
**Reference:** n/a  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 22-Sep-2004 12:00:00 am  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 3045939  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** PRIVATE TRADE OPPORTUNITY  
**TAGS:** BEXP, EC  
**To:** COM STATE  
**Type:** TE  
**vdkgvwkey:** odb://SAS/SAS.dbo.SAS\_Docs/d2a8d4b4-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009